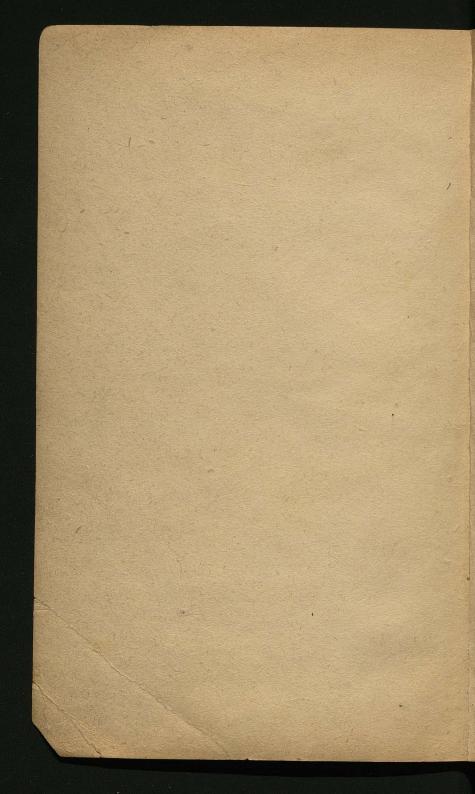
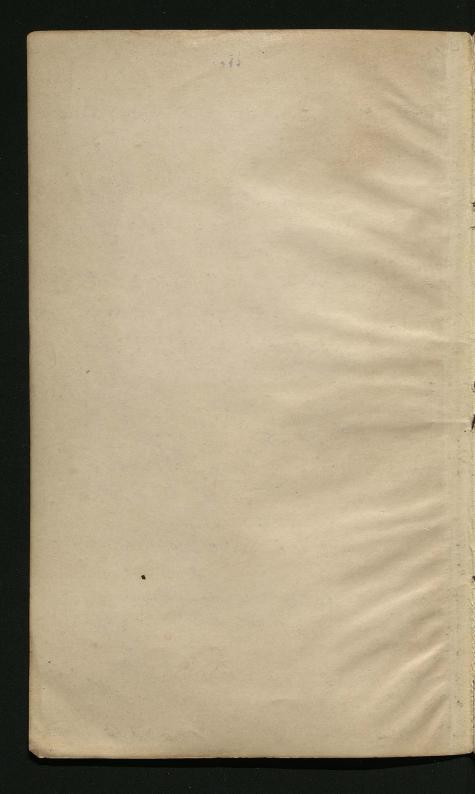
SHAY









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8 - on 2 - or g & PV S or Wacton 2 < 4/224 (\$ /08) n2=(x-a)2+(y-b)+(2-c)2 con == x-a cop= y-t cop= 2-5

$$X = \frac{e^{\frac{\alpha}{2}} p n \alpha}{n^{3}} = \frac{e^{\frac{\alpha}{2}(x-\alpha)}}{n^{3}}$$

$$Z = \frac{e^{\frac{\alpha}{2}(x-\alpha)}}{n^{3}}$$

$$Z = \frac{e^{\frac{\alpha}{2}(x-\alpha)}}{n^{3}}$$

$$x = \frac{e^{\frac{\alpha}{2}}}{n^{3}} \times -a \qquad X = \frac{e^{\frac{\alpha}{2}}}{n^{3}} \frac{dn}{dx} = \frac{e^{\frac{\alpha}{2}}}{dx} \frac{dn}{dx} \left(\frac{1}{n}\right) = \frac{e^{\frac{\alpha}{2}}}{dx} \frac{e^{\frac{\alpha}{2}}}{n^{3}}$$

$$x = \frac{e^{\frac{\alpha}{2}}}{n^{3}} \times -\frac{e^{\frac{\alpha}{2}}}{n^{3}} \times -\frac{e^$$

= 2 5 1 / e == 1 la = 5 = 0 of an 10 es 200 1000 dies 32 godner of jardord dio lin 6 m v 6 8 - 26 El = U = Ool. 1/ xy 2 $X = \frac{dU}{dx}$ $Y = -\frac{dU}{dy}$ Z =a ~ egg) your 8 was ai conti vel. 10 \$ pl + 6 organo m Milansuffero ele es ~ 1 ~ is y - sy: est est o 26 3 = 4 = 9 gdV= e | re & de y/or en e prograpale onver en en en en el for sprope for and PN No 21. milt. . PN= 6 ve sings dro po o at est const.; 2 - 6, est g ve soh fet. Set a (total) & e vol mult de rue al o d'al a

y= 4 na 6 of enge = 8 negations to streng 6+ E Sinpado = 2 = dt $\int \frac{\partial u}{\partial x} = \frac{\partial u}$ Un = Entre 8 = 9 = dt frackliggers of 2 a. 2 2 mar pro de la $\int_{0}^{\infty} \int_{0}^{\infty} \int_{$ U= 4n [n2-a3] p +2np[q,2-n] = 2npa,2 - 4no as - 2np p2 / Vare(16 [203/ mm] a0=0 U= 2npa,2 - 2npp2 dl = -4nop = = e/e 2 = r R/C

U,= Eng (a, 2-a,2) (1 an) 2 Uz= 2np a, 2 - 4np a 3 - 2no 2 $U_3 = \frac{4\pi\rho}{3} \left[a_1^3 - a_0^3 \right]$:19eunda-200 P. 2 - NESTR 3 p=a0 U1= 2np(a,2 a02) e ooh c/ 42 12 18 da 44 p=a, oll slz : te out-antinof. $\frac{2}{d\mu} = 0 \quad \frac{du_2}{d\mu} = + \frac{4\pi\rho\alpha_0^3}{3\mu^2} - \frac{4\pi\rho}{3}\mu$ dy = 4 no (a, 3 - 203) 1 2 17 6 24. 3 and. mex; o- Bent promp 072 8 18 8 ver 38 2 01-00 2 5 00 000 80 10 ~ 80/3 follo = U r'du

follo = U r'du

fordudr-rululu

fordudr-rululu 9 fco ope - 2 Now a of 200 8/200000 v- Pop: e Od = 5 vol al = 2 3 dy = 2 dy B Vy Pay & Da & U 1= 1(a-x) + (by) + Try our = Epolv dr

 $r \frac{dr}{dx} = -(\alpha - x)$ dh = + 2 gold (a-x) ar n & e order control wel. a-x)= rend dl = E odvand oplaves dru= Spol V [-1 - (ax). 3 dr] = Epollo [-13+3(a-x)2] ~ 10 W gg ~ ~ 1, 2m; 0/ 200 = 00 Deetter-info-zzn. vec he, 6 rec rez. 1/10 x= (x-a)2+g-b)2+ (2-9)2 $\frac{d(1)}{dx(1)} = -\frac{1}{n^2} \frac{dn}{dx} = -\frac{x-a}{n^3}$ $\frac{d^{2}(x)}{dx^{2}(x)} = -\frac{1}{n^{3}} + 3\frac{x-a}{n^{4}}\frac{dx}{dx} = -\frac{1}{n^{3}} + 3\frac{(x-a)^{2}}{n^{5}}$ $\frac{d}{dy}(\frac{1}{h}) = -\frac{1}{18} + 3 \frac{(y-h)^2}{2^5}$ dri(1) =- 1, +3 (2-0)2 dr (t) + dr (2)+ dr (3) = - 3 + 3 /3 = 0 o opp f 23 one def fre Danding in = 0 I Moderat

u= fedt ore & * 8 Sifedru = fodt dr (1) 0 1 188 f Dr Dxy2 = 0 data ero - o egseler. du + du + du + du = 0 25 6/8 Zaplace -11/1) f m = /2 m/ c e (mod = 106 m , e apise 12/5%. noe Uffel Integ. soh soffer. e. de 1. 8 Mag en. 2 . 25 1 1/82: Uz = 22pa, 2 - 2ng p2 - 470 as 2 (1) no -0 / Wm Dry Uz = 2 ng a, 2 - 2 ng p 2 p= (x-x)-+(y-B)-+(2-p)2 Uz= 2npa,2-2ng[x-0)+(y-p)+(2-y) du = 4 to (x-x) d2/2 = - 4np du = - 4np du = - 4np du + = - 400 o gran/ PB & S. f. 200 x 8 2 8 %; o & 10 00 m % from 1:

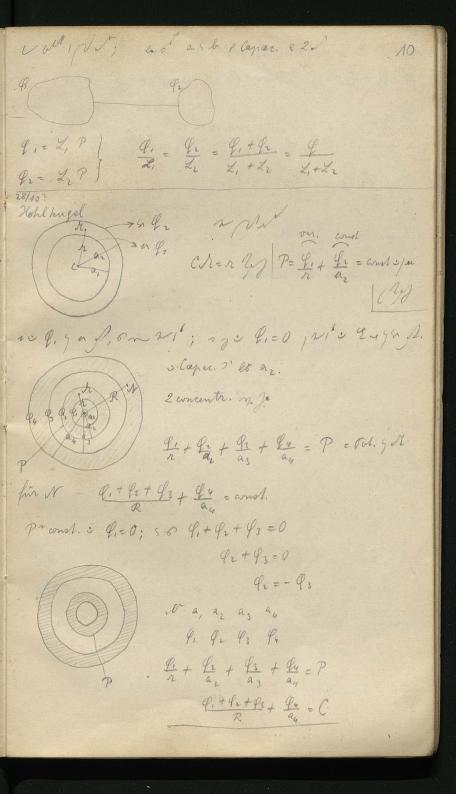
~ W m & or come 81; 3 f 23; ea. to foly s: U, + Uz de + du + du = du + + dut. / U. J. ~ 8(1/ Uz ~ n = 0 = 412p p= f 82 2,7226 mg e8 81 = -4mp so constant & M? Jus L'eng & Leplace sofy en de houry releven; Coissonischens ob offee tot. ~ 1 =0 0 0 mel n ~ 10. from det du total = 11 1 - so er mje Ne O. ~p; ~ wy: ~ a=01 U= 2n6[/x+a, - Vx] 10 2n & Stallhours $u + = 2n6 [V_x + a_x^2 - x]$ $u - = 2n6 [V_x + a_x^2 + x]$ v = 0.49 v = 0.09 v = 0.09 v = 0.00du = 2n6 [Vxx+a2 -] du = 2n6 [Vxxa2 + 1] ROE Pth 19 Le 6 2 < P 8 / ON Con x=to: dll = +2n6

alle-dy- - 4n6 ofrewson areze u= u2'+ u2" } }22 $\frac{dU_r}{dx} = \frac{dU_r}{dx} + \frac{dU_r}{dx}$ all old oth of the + olly - olly dhi = olli, + olli," dx dll' & Dent. en for = 0; 18 < = -476 eocres X of yells re Norm. engl dhe - dh, = -4n6 27/10 Verthetling y d ~ 221 fte U. A Nit -s Verthelling Is = Tiplinens + KVente; WOE; - ye DitXenyou. 1 - Le 4. nk er Engel, and -es X=0 - 3×=0 - 3×=0 - 3×=0 es tot. In const.

dry + dry + dry = - unp 1 = and 0=-42p p=0 onvolle 2. 2m, on 2. 2m. sp. Fall: q= en g m me 6= 9 P= 01.2m P=4na6 P= Q Q= eP ngn (Pors. un as. 2. Vand Pot. zatramische Elem. no. G d 11 Pot. n 4 = a = Capacitét en = ~ COPS x ev q od. $u = \int \frac{ds}{ds} = \int \frac{ds}{ds}$ $u = \int \frac{ds}{ds} = \int \frac{ds}{ds}$ U= & Q= Z. U. Z= ~ = Capec. 2 ~ Capacital: 1. ; K26 de K, 1 56 cm 3

er sull, en 1/2, a 9, 4 K,

kr u 9, 5 kr. Tot. & G. , K, = Tot. & Gry K2 4: = 4: = 1 - 4: = a = P. D. V.



"e cond. Wx Pse 101, 0 Rle W of Danl, 016 2. 9 =- 9. amvaribe, a fr m gibes Ann: 2 zu V const. Och. 268. of Eight of andud y ~ & rane. In of tol. reta. Condensal, as ressapporate in ap. 6. Pr= aras P, aras = Capac = aras Revented as-azed raz mare as, 8 azas mare az C= a2 = 4na2 = F ... Con down of WIS IN = Normi ELE, Outent V NX L T. y 0 D. V, Cole out Dige A W $\left(\frac{\partial V}{\partial n}\right) = -\frac{P}{\Delta} \quad \Lambda N = \Delta$ -476 = (dV) - (dn) $\left(\frac{dV}{dn}\right)_{n}=0$ 6= P 2). W - 476 = + B og 1.01 + 2, 5201- 2, 201;

$$P_{6} = \frac{P}{4n\Delta} = Q \qquad \frac{F}{4n\Delta} = C \qquad Copae. \ r n n d r = ff (Faradosy) \qquad [A gen)$$

$$Radi. \ a, a_{2} a_{3} a_{4} a_{5} = a_{6} \qquad Radi.$$

$$Q_{1} \qquad Q_{2} \qquad Q_{3}$$

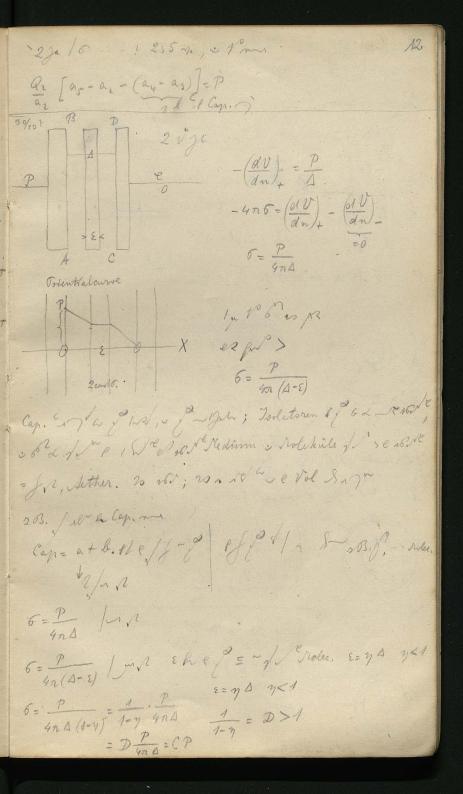
$$Radi. \ a_{1} a_{2} a_{3} a_{4} a_{5} = a_{6} \qquad Radi.$$

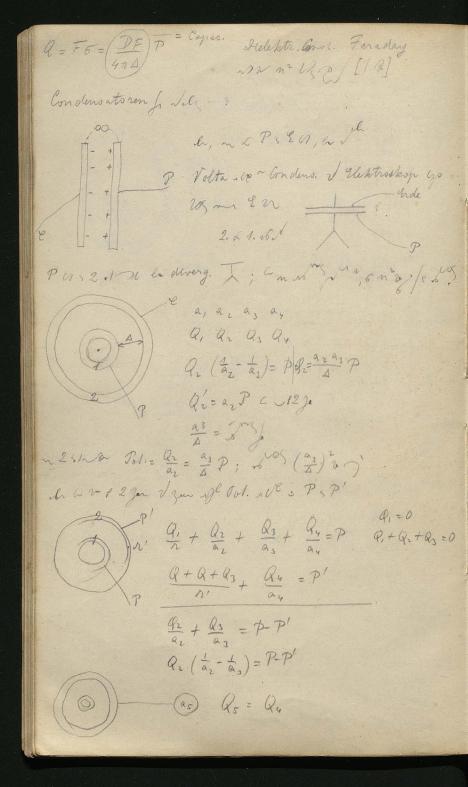
$$Q_{1} \qquad Q_{2} \qquad Q_{3} \qquad Q_{4} \qquad Q_{5} \qquad Q_{6} = P$$

$$R_{2} \qquad R_{3} \qquad R_{4} \qquad R_{4} \qquad R_{4} \qquad R_{4} \qquad R_{5} \qquad R_{6} = P$$

$$R_{2} \qquad R_{3} \qquad R_{4} \qquad R_{4} \qquad R_{5} \qquad R_{6} = P$$

$$R_{3} \qquad R_{4} \qquad R_{5} \qquad R_{5$$





Influence + 8 setur: 1 %= s E C & 29 h ru enly gr 3+U = ConsteVal £ + Ui = C Ui = C- \frac{g}{s} = C - \frac{g}{V_{pr+1} - 2 rp cos \theta} -4n6= dle-dli = olle - olli 2 Egry v sv. m Ui som Ue jeg grom. rettrod $\frac{1}{a} \int_{a}^{b} \frac{1}{a} \int_$ Sodf = Ui = Ool, 9 " w Note atra- 2 arcosp a 12 m (8 a > 2 Ui= Sartr-2 arcog = 1 6019 V1-22cn9+ 22 V1-22 cop + 2 = 1 + P, 2 + P2 a + P, - modery of from funch 1 st : usy Heine: (2 4 6 8 maf) Ui = 1 fd F [1+ P, 2+ P2 ant ---] = 1 Sout + 2 So, 6d + + 22 So 6d + + 90 = 100 El 21 ge p e/ n'sme m n) a Ue= SodF Vartre Zerang = 1 / 1-2 2 ang + 27 = 2 / 6 d F / 1 + 0, 2 + 02 2 + ---]

de to fort a git at fit U, s U. a No of P N to - 3x; P 7 well \$ 18 COW Ui = a f(a) Ue = h f(a) ave organie. 52464 6. P El 2 Mal 20 2 Un = & C Ue= to c 2 1. Ook Uit = C (oto) n e ungon! Ui = c - 4 /p2+12-2pacso = c - q Vy + a 2 12 - 2 pa 2 and 2ac - a/22+ 22 - 22 2 and $\mathcal{U}_{e} = \frac{ca}{r} - \frac{q}{r\sqrt{\frac{n^{2}+a^{2}}{a^{2}}}} - 2\frac{n}{r} \frac{a}{r} \cos \theta$ = ca - 2 / read loodant difter -426 = (dle -dll) -426 = -\frac{dle}{dr} + \frac{\alpha}{2} \left[\frac{n^2r}{ar} - \partial \frac{1}{2} \reft] \frac{3}{2} + \frac{1}{2} \frac{\alpha}{ar} + \frac{1}{2} \f of la- ports / n= a / / ov 6 n ° [Air+40-2prend] ?

-425=- =+ \(\frac{2}{\partial} \frac{\partial}{\partial} \frac{2}{\partial} \frac{3}{2} - \frac{3}{2} 2 (a- pend) (peter-2 pend) = 4n6 = + = + = + = (p2-a2 (p2+a2-2pains) = Sty: Elmfellate o C=0-4n6=- 2 prez pa 6-d-a2++,-expaper \$ + + 1 m 5 10 = (p+a)3: (p-a)3 au 4=20 6 = 27:1 28109 81.22/6,2-2htg. [49, -4/8/2] alfe. 1/6+0/20, en + neg. 61 pr x < 2- m x + & el; sem - 18+ fre y rang. W Ui= e- E Me = ca - La - 2 a first Ue- ca - La ON. e+ El. 5/2 ON. 1610 Fly* avine ON Mars g i a fol was on went find os 62 yen

Ca= Pa= R=1822 De A=PANA3. uple a ero probleme out, a spoluble refer dhenero C= E alm. later: 4n6=- 4 (n2-a) + c 3 C de+ 26 + Pmg. 8.3. ec 01=0 4n6=0 = na - q(2-a2) 123= p(p2-a3) 12 8 = Vp + a2 - 2ap cond = Vp (p2 a2) 12+02- 2apont = 3/12/12-01/2 2apein d= p2+22- 3/2 (p2-22)2 203. p= 2a 4 aras v = 5 a2 - 3/36 a6 and = 5- 3/36 = 5-3:3 = 1.7=0.425 J=650 ENe+ 2 9 200- El. ag 2016 cont= 0 : d= 900 Ue= 8 m - 2 a
Vper + at-2 aprend = Pa - Pa - Para - 2ar rand | ar = x h Vr2+x-2nxund

Puly on o 1 x +00 62/201 - es in ta Exm en i as I - El & Bernsenti (OF R val Be El. Bild von 2 solal as & induc colo al & molne. en - 2 a 6 so 6 2 ve met. We on the Witter court. U" = Q + Pro + Pro + Pro + Pro + Pro + 1 We = 2 [90' + 91' 82 + 91" 82 + ooks ~nc E = Q (1- 2 nont + m) = 2 = 2 1+ Pr + Pr + Pr 1 2 (00+ P. 12+ --) + 2 (90+9, 2+ --) + 2 (1+ Bn + Pri+)= [fright was gast; or endant reducint

Qo'= 0 q,'=0 Qe'=0 1 qo"+ = C That + 2P = 0 che PQ & Tuteg. & fel Pole & mofmich ele., com Profit Soon 5 028-0 28 000 =0 ~ [rag sied of W & e Ool. 202] 13 2 9 4h y 9 8 2mg, 12 m. for ns- si u' } mp u"; } mp Ué + Wi + 4 - 2 - C e 2 1/2 mm U'e= 第十 元十 U" = Q" + Q" n + Theremos and the coothing = 2 [+Ph+ Pr Min + --] jurdanafbsan of somh - ex of governo 2 Octure 19 ge \$"=0 Q"+ \"=0 Q"=0 ---8,1 + 8P, p=0 Ui = const. - 2 18 8 m Vil a const. = 0 6 4 to years Possen Sor es grange letter &.

- 9 W < D & O & 6 + 1 (amo.) Whom 6 compression productions Elgen 1= 8 I genell , a jenglo a 6 < 16 × 10 0 pm indue. Il 2 - e n 20 classe 2 app. Na 200 pag & Ese vader. Shy 12 of se (e and of, e) in e of sout en no va-el 20 Edining de e le vie - 8 m/s Den 1 con my 5126 elle moder 2 2 25 en D; wis as the Solium . Wal De 6 1 m 1.1 0 of leg < h. + p u Da po of 2 certif. MI De 164, of fund wood el 10 Un mys ship ye a w b I sind noge of. 6-mgo den 20 2 5 1 4 21, 0 WA 2/2/2 5 2/ Dn; of un [23 Och 1 well-n- & St verezo Nechangeleg reg. o of is - 5 gen [20 2 x [< y 6 6 oh 2]. We= - 2 = Varta-2preso - 1/2 2/1 - 2 preso 0 力是 Ui = - 9 とない十十一年からの日

-4716 = [dlie - dlis]/n=8 2 (1 2 - Koz cos 0) B/ 12-11-21 00 0 1 2 / n= & = 2 (b-pas 0) = [pr+ 82 2 pbes 0] = 2 [m - por 0] 83[12+1-24 and] == 1462 = [12 - 12] 3 of Che 3 Och e fight 4 Planed tel Intile a Del 25 on Coly 1200 5 - 2=20 Ggen for Ue = - = e egati - 4n6 = \(\frac{\epsilon(\pi^2-a^2)}{a (\bar{12})^3}\) (2) = 4 = 9(m-ay alpata Lapus of 3 al m g) coeff & se ben gran h-a=f $4n6=-\frac{2}{\alpha\left[(a+f)^{2}+a^{2}-2aa+f\right)\cos\theta}$ 4n6=29 f x[a+2af+fr+a-2aren 0-2afen 0] = en anstitue Aurerval 2 Ef = 2 E

4n6=- (2n2-a2) 1901 e- 91. 1 = A) a
p=a+f Opi B P = 2f(2a+f) = -24f9 (N4)3 = R.N43 Jaco sollen - L 563 W. m/C. 31, 21 26 24 La = slag in indi Ea = € 0 2/- 5/ the 2. co/e : 81. ve prath ph=az p===+1 = d (a+f)(a-f1) = a2 extal-al-ll'=ex a genos, ond. on levere spris sent ever gloco /w- frem ~ [es >no v n=0] affeold rufe. Plangoni : Pangraph (x 1 & 10 & th; for for ceptore-et eon od motor professe e 0 e in Dody so y it so e me ero onc. 0 e 200

for got whe of tithe 8/629 N X 20 -217 2843 20 20 20 3/ 6 hors so 2/2/2/3 Plonge of you have it e Resu of TVN i der 00/164001/62 Parsento SI e on . n x 2 d lle -Ue + 20 = 0 and Me - Lets) with dle = + (+g) & (++3) + + 3 = alle - de de -4n6= Alle - allin / g=0 = 2 dlle/geo = 2f 2ps 2 /fran = forsel room of and only in d', m" Itd. Go xy - about U = f(xyz)200/ 200/ 200 Et. ansh. a 2. U = const. g/o of f25 ((egr) - o 2 find of 100. y-w; fullaleng 1-2

o No Put per old. - a po o yr "e e on or dig and sal si st 6 pt 1/28 for Nivemplacke; 1/2 AN = O [Const-Od.] 0 No x cmp. NAN 0 762960 u vz a N'me Tohr as of me work 12 8/ - 11 = gre Poh 11 5276-ce Miranfa Nuat; 2. De Mireany / 28 h 66 ~ 2 1 1/24 - 130;0~9:0 N.F. be arobre he Nome of over-Come; aser a (The season of S/138/11/8 /8 July - profolline = orthogonale Trajectorie Pode Pr: - Coro P Nivearfl. " no & Breftlimen to RV h = cont. 12 20 2) 2h

28 = Port = 19 Maro It 11; modern Em 27 = m 422 = 42m sorm for de se off: KK $\frac{1}{\sqrt{N^2}} = \frac{1}{\sqrt{N^2}} = \frac{1}$ Tr' = ON2 NL = af m dF= m MM NI = m NL NL= dF'ers q. e cog or of me bie of some? m of = m of cop an P Be Nony = 9 z q d F' Im df = fq df' arero-aprel; sept de lois 4nm = SQdF' Age Norm. W mult, 6 4 68 L = 4 mm · 12.1200 ssr: vans mis Now Is as RN if en [/s] on; ela por and of a for selve; buf of the mend of separatives.

frejaro; 4nm = | Qdf' 4nm' = Sq'dF' 4n(m+m'+--)= /(0+q'+--) df'
N=10/20/20 11 = 100/20 /20 Mon 4 4 n M = JN dF1 Not Pele out 8181 U = Tohan 20 4nM=- Jan. d7 $-\frac{dU}{dn}$ n=15 e Norm 25 2 Well way & wero Ma & ~ o no c & - bafod for po; spece 4. 6 5 PSO -116 V. $\frac{m}{0A^2}\overline{AC} = \frac{m}{0A^{12}}\overline{AC}'$ St= Central & an Em AC = Som AC' = m Sc . P. f. AC= ABwog Em ABang = Smarang. AB AC'= AB' wo q' Nono comp. e/ Im P 8 8 2 of: | Dm x Fl. Sel = 86 8 4 1: | Dn x plan; 62 m x 30/ D m nd 6 cp N - AND; x 68 20 =0 fractever for svex ve/2=0 "

91. A'131 e/AA'SB31 -q:AB 1609. . 4 1 9:9'= A'B': AB" 00 2 1 D d 101 pm de & Gel 16 00 0 no [120 10 2] 1/ 20/ 12; 1 m veg/, h. m/s d/~ eb () +/; - 1 et 1/2 1 20 1/8 4 cb) 4/. 11/1 Der Green sohe Sata Jan Jan Jan Jan Jan Jan 185 H nofeward = If dy de for de de word for dyde is 300 Man A? Solth dx = golf - fols olt dx of Sign dx dydes = Saxde & att dy III g [ol H + ol H + ol H] dx dy dx = = [(odt) dy dr + [(odt) dx dr + [(odt) dx dy - SS [of dx dif + old off + ds old] dx dy oh. sarene gle oa yed, bien dy de = df as a

[(golf) dy dr SIG of the defend, and reliable - Spott alto alto colo dy de = of Fo ando = S (3 alf) alf, con 2, + S (Balt) alfo con a se Magerlón agendn 06 8 8 8 = If & dH of Frond 10 8 20 p Sile of the day de = Sile of the dock of F SI(B of H) de de = SIB of bop of F If & old dx dy = SIB dt on rd F SSS 13 AH dx dy dr = SS 5 [dlt as it + dlt as in + dlt as in the - III lds offet - Jolx oly ob: and = dx ann = dy an u = dr $=\frac{dt}{dn}$ alt and + orth + diff = det dx + = dn

Sight dx dx objoin = Sight df - Sight dx dx dy dy + dx dy dy + + ol? olt] dx ob de ~ The 8 2 for 2 = 7.5 /s 18 8 1

703. 3=1 H=U=Oot. 22062fr, 19 pe Model tall + del = - 4 np 40 Staged and = If du df de ek = 0 +4nd = - Sell do Jersall ws /28 Be Norman sel = 9 = 1/ f d F ariner estell; dressil x ses velong. II 3=U H=U - 4n III Up de dy de = II U dll dF-II (dll) + foru p 203. nl. for-Novempl. (dr.) I drey on h + U De W of anst. ez, e/88" and Niverse not is you beg epser 200 0 = 2t(-4m)M - [[allow + -] dx dy dx e 7 2 - 68 2 60 + 2 [12] 00 off = old = old =0; i e la la let. - anst. ay fol - Niveaufl. 2 5 20 Met sfish

av John see lot y to and " & " A Ho enter const. ", jes l'in el el 10 2N. 100 LI 2. 91 -4n /2 - I de de F fler on! = e Use ant " a fro induc, for -4n 120; 920 6 f yp =0 60 28 gel 20 yo - 6 29 milie 12 8 gegt = ere El [20 Mig fo]. ~ ~ ~ ? Ich 20 /2. (eq)) je OA. e ~130 20 18 ev 3 1 ~ e m Jondon. A ~20 g 206 db \$1. Len me ve e ve 6 & e one on ~; felste elgten segem sindre. ged and Picaway; aufle on - 476 or by a ? i e o. = o e la m N; i f 4l. s f indre. Il in har his. you go. aget orrive. ow 1- w El. 91/ Im. e lot gly - and 2 ((3)) . 21 11/18/av - 32/

o ano Jo Val 3 ~ and Och fe/12/a 2n-el 10 9---Pal SU 815 8 5 8/15 8. 3 seus est norder o Place I form 600 6 2 f em!. an < Pap fil we o It any Dangerty. II roodr. S. \$ 3= = fru fr 2010 q (16 pr 5 5 1965 A. Wells in Sulx du for Eque Solot. $\frac{d(x)}{dx} = -\frac{1}{2} \frac{dx}{dx} \qquad \Lambda^{2} = (x-a)^{2} + (y-b)^{2} + (z-c)^{2}$ $\frac{d(x)}{dx} = x-a$ dt (- tr) x-a -4n Mp dx dy 2 = Mt dn dt + Mh dx n + dll y-by + all 2-6] dray de du -- Ep/2/M · tel Narty son istylke TE COS OF G AMY X1000

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ergle souler Moderaly de = - in It all dif e Polius rizo es & A = 260 7 *1- 2 Oda vione de Nereaufliche in mil en 2° 6= - 4n den esset M.F. 20 th 56/4 20 a ge N.F. it; of the soul. nge a reporter of in al 12 8 to U come. ; a Printe 200 1461 de 502 volumes: = 9298

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1 Oolacoond. 92(5"+p"2-20p" co 0) = 4 16 +p2-2ps as 0) Pdap spicola + Ppppin was 22 pl = 212 p 82(2+12)= 812(24/2) a) e ~ 6 / 2 0. 2 (8 - 812) = 612 2 - 82 12 82 = 412/2 - 91/12 4 e/= 81 ~ e a 55 a PAN. F. - Wrie 8 2/ = 8/2h 82 - 42 hy - 65 12 p'(n-h') = pp' $a^2 = \mu \mu'$ 9/2= 42 pl = 22 22 8 9 4/= 8 2 /2 is eff Ne Od. en are 2. sen 2': 42 -0. 12. v. D. I prog fitt. 21. 6= - 4n oll del = oll = - " dr + " dr' ds $= -\frac{2(a-\mu\cos\theta)}{r^{3}} + \frac{2'(s-\mu'\cos\theta)}{(a^{2}+\mu^{2}-2\mu\cos\theta)^{\frac{3}{2}}} + \frac{2'(a-\mu'\cos\theta)}{(a^{2}+\mu^{2}-2a\mu'\cos\theta)^{\frac{3}{2}}}$

= - \(\frac{9}{2}\)\(\frac{1}{2}\)\(\frac{9}{2}\)\(\frac{1}\)\(\frac{1}{2}\)\(\frac{1}{2}\)\(\frac{1}\)\(\frac{1}\)\(\frac{1}\)\(\frac{1}2\)\(\frac{1}\)\(\frac{1}\2\)\(\frac{1}\2\)\(\fra du = - 2(e-pend) + 2ap2 (a- 2 cont) = = - 2(2°-2pcs 0) + 2(p2-2pcs 0) = $=\frac{2(n^2-a^2)}{a(a^2+n^2+2apas\theta)^2}$ 6 = - 4n del 1 popular al grapa a rough 10 1 46 20 4 re for p 6; i & Res. GR: m/ 83 Oct. 08. ons granny DA = DE C nda= 2069 AA'TS; for Norteena]~ Oh pedd U= 1 mda 12= (x-a) + y2 U= \int \(\land \text{n da} = \land \land \land \text{2\land \text{1\land \text{1\ =- u 2(/x-0)+y+x-0+ u 2(/x+0)+y+x+c)

Uz m. [(2 + x+c) $U = n \left\{ \frac{r_2 + n_2^2 - n_1^2}{r_1 + r_2^2 - n_1^2 - c} \right\}_{cond}^{2eo} + fyvlare \\ cond.$ 1,2 (x-c)2+y2 12=(etc)2+y2 ri-nie yex $= \ln \left[\frac{(n_1 + n_2 + 2c)(n_2 + 2c - n_1)}{(n_2 + n_1 - 2c)(n_2 - n_1 + 2c)} \right] =$ $= n^{\frac{7}{2}} \frac{(n_2 + 2c)^2 - n_1^2}{-(n_1^2 - 2c)^2 + n_2^2}$ $U = u \left[\frac{r_1 + r_2 + 2c}{r_1 + r_2 - 2c} \right] \quad \text{N.F.?} \quad U = const.$ ~(1,+12)= Coust. = Ellopse v by . B, B'; & Cart. 40. more front flows: fre Im ~ cont. Och. ; 6 6 s 2 el. 21 ; for the se ty con. 100-25 of Er de 12: $\mathcal{U} = n \frac{7}{n_1 + n_2 + 2c}$ 6 = - in all not reconst of U = u [1, +rz+2c dn tola) ne /n. - 1 (dr. + drz) De he N. Sensist: 1, +12=2a = RM = MM'cre = cry

du = limes q = cop

dri = us ne x f " < ve religion = dri = csp du = n = - 20 2 200 = - 8 n c cose = du - 402-402 = - 2 nc us f = m c us f 2 n b 2 o replanas ox a NV RN vel h'= who 13 nz / 9 n 12 = 12 cosp 12+p, = 2 a core n= hithi= acop dll = - 2ncp 5 = 1 2mch referreger pe ogen er e 2nc = E.
vil ord = K = 4 align 6 = 2 th = 3 k out of and Established isenjem to is the fairful ulfondrien et He et stiller. U= 2cm / 2a+2c = 4 / a+c = 4 / a+c = 4 / B = 4 2 eft 2001 21 5 200 ged; Lone Ell. Vr 43 m weld

6 40,2 Nove 6. PJ;

SJ & 5 C. e. 9 . 4= 2 Capacolit & Ell. = 1 = c 1-01/5/91. atch = 20, be m or; miled Lend: Capae. $0 = \frac{l}{2}$ = $\frac{l}{2l\frac{l}{k}}$; for kebh. Ja Ja XOok 9 ~ (Soul on ~ rene VX2 ro adgnost hm M)2 = (a+ & - a cos p)2+ m2 + a sin q # ll= \(\frac{a dre pr}{(m M)} = (a+ 8) - 2 a (a+ 8) cop+ a2+ y2 = a2+2 a f + f2-2 a(a+ f) con y + a2+ y2 877=p2 = /15°(28-1 (mM)2= 2 a m(at. 8)(1-cnp)+102 e 0. 612 y x 200 j ce e v 2/ 2620-2n ~ U= 2 Jady n = an John to Va(a+5) Jet + sinte $f_2 = Y = \frac{2an}{Va(a+\S)} / \frac{dy}{Vp^2 + sin^2y}$ $f^2 = \frac{e^2}{4a(a+\S)}$ gros 8 8 00. 58 6 000 8 Pen 7; en & 3 2 No faor organise of 2 / a room dep; velpelalible or the esing of the start of the single of t

= 2(4+12+42)+ 2 4 / 2 18/11 Sidy = f + f. = 2(4+ Vn +42) + 2 to # /2 = 2(4, + 1/2+43)- ly +0 - 2ts x2 = 2(241) - 2p - 2 42 = 4 1 2 64, 1 cm 8 4 2 Sal 58 U = 2ma $7 \frac{4}{p}$ $p^2 = \frac{e^2}{4a(a+\xi)}$ & anfi Rom Ly Dre Geryh U= 2n [8a U=const. par (ad & IN / Spl 2. e of Niveauflish - 2, 1, - M -2 / + 202. 8 J 2 Mind. $\frac{dM}{dn} = -\frac{2mc}{\sqrt{mc}}$ 9= 2nam (15) P=2nl8a 9 = na P C= 12 = Caparitides. = 2 / 80

20: - V 2 a= 10 g= 01 [k=2mm] $\frac{8a}{e} = 860 = 2.903$ C= 3.14.10 < a x = 6.677 Paper on vine 6 200 Jes gen v. ~200). Im gebon Ep.
Ellops ord C'= C je Rot. Ell. d= Rad C= 2 1- Rad C= 2 1- Reysel ate of= 2a = noel [200 ma stope 1 Cld, and some of the Control of the are & ladob & 68 en volves NF 12 x 2 vel. 3.95. m di trado alla mila appertante mayor en mys Told's for My / h; 6 colar) 5 range W nzw=do cos it all n'2 = do'cil. - o vel ve Pen ~ x 2=2' = els'und Tra = 6 NW Resh fr, roll ner f disds' n'2 = 6 n's

- ~ Mre 3 & allega. 1 42 6 ds = K; 5 ds = K' 151121/2 n'w = do wo d $n'^{2}w = ols'us \lambda'$ $K = \frac{6 \text{ ND}}{4 \text{ cos} \lambda}$ $K' = \frac{6' \text{ o}}{\text{cos} \lambda}$ $6 \text{ cos}/(8 \text{ K/s})^2$ e 9ll. 28 1/ e
29/11 () 2/2 PLE ME ME M ~ 9 21/2/2 6:61= who word on Spefus 2001 & Juni 6 m ~ & Tang. Lidtly sur. Fxy2)=1/2-7/ espi= unve (景)~+等了十分至)~ C) 2 = X-a Cra = x-x/ V(x-x)) + (y-y/) 2+ (2-2/)2 Crse eny = end ent teppenpt eny env F= 2+ 42+22=1 1 = 2 m 3 = -22 一十二十

col = 2x 1 = x 1 | xx + = = x 1 | xx + yx + 22 } = x col = has come by core /2 asima a ge Nib ア= そのメナカのりするのか = p [=x + 2n + 2] ar by de J. 9. fop 0 6 51 df 1x 60 P= p[=+ + + =+ == == == $cog = p \left(\frac{(x-x')x}{a^2} + \cdots \right)$ = h (1 - xx' - yx' - 22') enq'= cod'en l'+co B'ung ting'env' = x-x / mx + = 11 11- xx - yxx - 22/] en 191/121. ma en! csp: csp = p: p' = 6:6' 6 Toya - God x yrall an sylviple roeco a - ; fry ifficey: - isolfider af Wash own chi eg rd/ ~ Hyperbolord.

6= 2p 2 mg & apr 11 2; n'e & x 2= fo do = x Inda = 2,3.K p do = 20 3x 10 / Tyx. 6 J - = Nodo 2. x= 2/3/k 5= 2h Capacitat & Ellipsordes: esper. was a e. Pen geniso e o am se a ~ a ~ my south ~ silomon rel Oss $\int \frac{d\mathbf{F}.6}{n} = \frac{9}{3k} \int \frac{n}{n} ds$ a varve profice x Spots = In3u = In2u U= sin t dt dy x=rwa y= r sin & corp 2= 2 sin 0 sing ar + you + 20 =1 refero + in oury + single 1 Spots of sint de do

265. Mo - Rot. Ill. b=c Spids = In Sand do $=4\pi\int_{0}^{2\pi}\frac{d\theta}{d\theta}=4\pi\int_{0}^{2\pi}\frac{d\theta}{d\theta}$ $4\pi\int_{0}^{2\pi}\frac{d\theta}{d\theta}=4\pi\int_{0}^{2\pi}\frac{d\theta}{d\theta}$ $4\pi\int_{0}^{2\pi}\frac{d\theta}{d\theta}=4\pi\int_{0}^{2\pi}\frac{d\theta}{d\theta}$ = 40 \ \frac{dn}{\frac{1}{2}r + (\frac{1}{4}r - \frac{1}{2}r) u^2} = 4n \ b^2 \ \frac{dn}{1 + (\frac{1}{4}r^2 - 1) u^2} = \frac{1}{2} \ \frac{1}{2}r + \frac{1}{4}r - \frac{1}{2}r - 1 \ \frac{1}r - 1 \ \frac{1}{2}r - 1 \ \frac{1}r - 1 \ \frac{1}r - 1 \ \frac{1}r - 1 \ \frac{1}r -= 4n b feroty [u / 2 -1] = - 4nbr arcty Var-1 U= 1/2 4nb2 arcty / 2 -1 = 1/2 arcty / 2 -1 C = 10-a / C = a / 2 = a

arty / 2 - 1 | C = a / 2 - 1 = a 20s. bogna, yjonges (= b = 2b 0 sh 3 2 20 5 - 21.

Q. Vertherling anterner Ellepser-Scheol. x+4+ 4 + 2 = 1 do do' ill root fle: 6'=P1 gep 6:6= ds: ds' do'= do cos à

= do px

p= Ne NATION 6/= · 6 ds = 6 = 6 a2 6= 2 p Inabo 6'= 2par = 2pa = 2 1 4nabe px = 4hcn x = 4lcn x = 4nbo 1-42-22 - 1 Mgrellin. odupolical action of 6 miss 6, = 4 1 C Mgs bec 62 ar Brazege de 20 6, = The NI- 9 th (y40) = b2 1 re egibt= 0. no forestery rage viso ff. yen der wing in not once wonly.

J. vo 492 12 g 2 500 a 2 66 ~ & Jule Pa fra 20 m = m; andely ハー 流水 ハ,= ペル m = m, Dare Je Graffeli et h- of the yfors proge NO 60 4 7 21 arnoing-upgaonofod; n n 6 ds elsegtwegt 26 ds = 6, ds, ds, z dscs d 26 ds = 6, ds cs + $6, = \frac{26}{1000}$ = 26 = 2 h 1- 2 Capacital: 2-62 prop. : fre Xx6 $U = \frac{2n6 \sin \theta}{6 \sin \theta} = \frac{26n6n}{6 \sin \theta}$ $U = \frac{2n6n8}{4n6r} = \frac{n8}{28}$ 9= 26 U 26 = Capacitat

o 4/e Ellyson en vor en est y r Elysun-gr. fg of of si shen ethe id xxxxxxxxx Le ell. ~ well my ex Cond. Ihn } = ax n=y 5=2 x= 25 A= チャランナダン= トン \$2 + 77 + 82 =1 R.s. Well. 5 = ax n = by 8 = 2 52 + 70 + 50 =1 3.00 rell i caren-to troluce - t, 20 ° & 20. in amsim, Inde in a wilmism e262-nd3334864 DESOFTO GREAT HOPE ... ods=6'ds g 122 mge. dy de = do to dy df = do'n }

De prest. Vol. ods: Vol Ods'= on = didy ds = cos bc. dy de = dy ds = ds' por = h ds : p ds' ds' = erbe dy ds $6'=6 \frac{ds}{ds'}=6 \frac{h^2p}{abc}$ = Ep /// ds = Loy ds 5 holy de = 6'arbe dy de = 6'a be dych $6\lambda = \frac{6'abc}{\lambda h}$ 6' = 6 Lrn = # En 4nake βο 2 πα είν φ α ολφ =-2 πα² σο φ/⁴ =

gο 90 = 2 na (6 , 40 - csp.) pop + 1 m/m = 22 na BE is afrancis ny diely El. ar Nen - Ell sifted ga de en Jula de 2 velli arel ar poll a roger or tiplones a forter y r h to N/M roo " Bro El. dx ... Ex $- \sqrt{1000} \approx x \times 10^{-6}, x \times 2 \times 10^{-6}$ $= 2 \times 10^{-6}, x \times 10^{-6}$ - 120 W m 8 x / 5; ~ m (; 6 8 - m)e

£2+ 32 + gr = h2 E= ax £2+ = (A+E)= }= y=2 6 x 1 820 cf - 200 g 7 x 2/5 a'd'c' a bc a'=(L+ E) x ae ha h'= (h+E)/S dehp , c= hy c'=(L+1)j. a': a = b': b = c': c = h + E: h homothetische M. as f. 2 homoth reliers ~ 120 to 8 fg ~ (words. and of sell PSI of my 1 n all a homenthe ely (R; men nort. [12/ stat Brant.] Trethode der Tuversion ve rec. PV. 25/11 gras selat. gn - 28/e. ms men word of h h N' z' z z n' n' 6 10 le

h N'z' z n' n' = h z · 6 m' n' - inversery LV6 & Constryer (Well 18 [el. ved 1] ENGENERAL MAN IN. ×ニャン カーチン ユーショ $= \frac{nn'n}{n^2} = \frac{l^2x}{n^2} \times = \frac{nx'}{n'} = \frac{nn'x'}{n'^2} = \frac{l^2x'}{n^2}$

any N ~ au 三是 2 - 21 RU. 200 PR 221 1 inv. (11 = 2/ = 2/ns = 2/nss = 2/n ng Yh= Eh U= 2 = 2 2 0 0, 00, 20 8/= 1 8 () Const. M. U. S. M. S of is it inverted no Pat has on on a grant on H of iet. 10 ljetop j- Ge; wo won I flet-57-10 V20,+ 82 = Ners y ma Nimph p 1 4h 23 b. for 100/2 William Thomson 29/11 of Juth: ~ 16 " re love to let me ? $x' = \frac{x \Lambda}{\Lambda} = \frac{h^2 x}{\Lambda^2}$ dy'= he dy - 2hry dr $dx' = \frac{h^2}{n^2} dx - \frac{2h^2x}{n^3} dr$ de = h dr - 2h s dr dx'2+dy'2+de'2= ds'2= 14 ds2-444 (xdx+ydy+2 otable + 4h (xyyte) dr

I) do' = h2 do sarae y a do? arologenon of alime Erde Lulanofe syr in. dx = hi dx - 2hix dr $= \frac{h^2}{n^2} \frac{dx}{k^2 ds} - \frac{2h^2x}{n^3} \frac{dr}{h^2 ds} = \frac{dx}{ds} - \frac{2x}{n} \frac{dr}{ds}$ dx = cs x as ds V x 10 be (olx! = coxado' Vxo vel dr ZV-Nos-frall-grap $\cos x' = \cos \alpha - \frac{2x}{\pi} \cos \varphi$ $cn d_1 = cn d_1 - \frac{2x}{r} cn \theta_1$ and usk, = and and, - 2x (and any, + un or, prp) + 4x to page ans'ass, = as pass, - 24 (copesq, + ass, asq) +44 as quel engliny = ---av lungs No al xo we loop, = hand, + things, + hings elde 6 cime Myxxx ord. und we gozasef-golario 3 t f int p. v. lace for Inv. " fect in do so Da yelino. o offing oshe of to the of saving 's a vis' - Mrs Nost 0=0 0010-10 inf al [41]

Will thomson I to g the: cross of toll on Il infly so of soloco v41. 2 pla differs ex 2° [2) 8] 88/ 6/2 ele j- vars and van, jea-Intep. n, e vare se e se e la oersagen efer v-gar n = lot. = on. Parfisor; engres por par. 2 mg eng a - 188 18 y N My; f 21 2 ~ another. i deeprofesses. one of a fly sys. 202 ~ 45/20 : Neg. 41 pa a ~ Do () 12 e D ~ ~ . A my 2 m g N. 12tem 20 mg 2/1/4 sp ~ 6 f. e old? () 4, () P-g & induce. and rol induct f; ell w/ Ea 9 68 M. s. W. pol & Posson y n . I co hob . g & or nor Cox Richtell.

4-400 x murphy 16; 2/00. -0° 5 8 x 8 8 6 na e cont. O. 3 ne e co N. == & ~ 4 km - 8 10 sylvelen == & f w/en & 60 modre, es 62 cme." i per fis A 30 dg; a 2 mg & friedra of E, wed o siffer I e Och o refor If whe 584; -8 el - W < 66 00 062 1 ml 22 (2, [ve]. fy/ 3 a & -tg a & S. 2 *; fo -1/2 % and - no. Wed; of for 1 & NI J. al= 0 6 %. ego 1; Da 4 6 6 6 00 - 6 + 1 (4 m 100) enged 2+ 22 + 24 + --à ed v 9 by roxue s en a . 1, a il redra Sober Palaign. 2/8mAnV; JNe0.2 8A. (a/A A2)
(A) E,= nig its due Eliz B 2, = - 26 Jano fesso Ant A, B. AD = 82 fg/1 A - 2n me & we o = 2 18/=0 $\mathcal{E}_2 = \frac{\mathcal{E}_1 a}{AA} \quad AA_2 \cdot AA_1 = a^2$ novednight - n Elmifteleo. En folgh

es br A, w. AA, AB = 22 A2' -- : \$ A2'. BA/ cb2 elc. Acjern: 2+22+24- + 4, + 23'+ B: 21+2,+ - + 21+ ce Colonopoer i p 4 n s e C 62 -9=9+92 =-+9,+ 9'= 9'+ 92'+ + + 9, + 85 : 6 403 lmf-2 7 = 1000 26 2 = 4 i herlye com. 20 tooo (1 mg whole m A: 2.9/ + 9.9/2 + 2.9/2+ (AA)2+ + \frac{\Pa_2 \Pa'}{\Pa_2 \B)^2 + \frac{\Pa_2 \Pa_1}{\A_2 \A_1)^2 + \frac{\Pa_2 \Pa_2'}{\A_2 \A_2'}^2 + + (4,'8)2+ afre the 18-34.62m 2 V to W96 42 60 8 Wh A. B: 28 + + 2/4/2 Q= 2+2,1 2= 21+ 4,

Jeg a= h, 2= 21 , AB= c 4, = - cha 2/= - ha $AA_i = c - \frac{a^2 h}{c}$ $BA_i' = c - AA_i' = c - \frac{a^2}{c}$ 聖祖 - 代記 + 記記 = 記記 12 - 20 (c-a)2] $= 2^{2} \left[\frac{1}{c^{2}} - \frac{2a}{c^{3} (1 - \frac{a^{2}}{c^{2}})^{2}} \right] = \frac{2^{2} \left[1 - \frac{2a}{c} \right]^{2}}{c^{2}} \left[1 - \frac{2a}{c} \right]$ q= 4+4, = 4- 4a = 2(1-a) $Q = \frac{Q}{1 - a} \qquad \frac{Q^{2}}{(1 - \frac{a}{c})^{2}} \qquad (1 - \frac{a}{c})^{2} \qquad (1 - \frac{a}{c})^{2$ Cos 20 16022 fly, 226~ 4, 2 too? 1/2 (foots debuit. 2200 9 re for a Efe com min min = / von 69 pp De No. $\int_{\eta_0}^{m_1} \frac{m^2}{r^2} dr = \sqrt{\frac{1}{2} e^{\frac{r}{2} \eta_0 - 1}},$ $\frac{m_1 m_2}{\pi} / \frac{r_1}{r_2} = A$ A = -m, m2 + m, m2 = Ry e Colore & seff ₩ 6 2 263. - d. 20 ~ V 20 11e en 6 1 fx eyelo 10. 29 c 11 - 512 la 26.PLK mc2 = fg e Pot.

Dringers my or a tereff no; Hero 2 - I goerch. en fol " a yen of Angl. a ve is me il pund. 10 de 2 8 0 h - 1 gel c 21 26 10 no 28. el 601 efor, avidno en. m, m2 = 0 V= m, m2 2/m/2 v - vod sodpy nVov. -1 bo ogreed , ~ e Od. 408 fr. e s l ~ e 8 b ~ c ~ e rodo Loro V. for a val val v. on a ma' 101; V? $\frac{m_1}{n_2} \frac{m_1 m_2}{n_2} \cos \varphi \, ds = \frac{dr}{ds}$ $\frac{m_1}{n_2} \frac{dr}{ds} \, ds = \frac{dr}{ds} \frac{m_1 m_2}{n_2} ds$ $\frac{m_1}{n_2} \frac{dr}{ds} \, ds = \frac{dr}{ds} \frac{m_1 m_2}{n_2} ds$ A=- \[\frac{d}{ds} \left(\frac{m_1}{r} \right) ds = -\frac{m_1}{r} \frac{m_2}{r} \right|^2 = -\frac{m_1}{r_1} \frac{m_2}{r_0} + \frac{m_1}{r_0} \frac{m_2}{r_0} + \frac{m_1}{r_0} \frac{m_2}{r_0} + \frac{m_1}{r_0} \frac{m_2}{r_0} + \frac{m_1}{r_0} \frac{m_2}{r_0} + \frac{m_2}{r_0} + \frac{m_2}{r_0} + \frac{m_1}{r_0} \frac{m_2}{r_0} + independent of the months miny + my my ele. Service

2722 220 Sin a Orad, of & for 8 was the 5 Pg Singe Il. Gneyre SCD. Comb & Esg A= m, m2 + m, m3 + m, m4 ver from + m2 m3 + m2 m4 + bet plike 4x2 U/ AR II lu ce 20/m. 2A= m, m2 + m, m3 + m Comb. V Eng + m2m1 + m2m3 + + m3 m, + m3 m2 + $2A = m, \left(\frac{m_2}{n_{12}} + \frac{m_3}{n_{13}} + \cdots\right)$ +m2 (m1 + m3 + (mr + m3 +) = Ool. on + 20 5 ~ (m, = P)) = P2 & mi + mi + 2A= m, P, + m, Pr+ El 22115 f h)P, Pr elc. So Je of Pi=Pr= = Palmi 2A=(m,+m2+)P=&P

A= 2P P= 2 / M A= 22 20 0 0 - n Eln V6 1 Pfyl 9002 Na 22 W. enje el 1986 en em de e vol, 64 Pensepanne & Jane Vedel Crock, for his of en of Again = Er. 2/2 P' 2/2 PLE S' N 46 MM'S,

2A = 2'0' + 2"0"

Au sy Wy 5 I. a. If I ref & de to the of a ces so muying. 6~60 8 p & O"ela V < Icres, el sel " [isolist] a fg + 15 - 20 0 2/1 8/8 2 el. 20 = 0 i pl D. 42 En. ser. was gub isol. Shoot 160 st sh set. - + 20 9 m moline (2) 1-16 1 2.683 Och 03 --(A) 6 ad se es 6 2 A some. I. per Mofin 2~ 34 ~ Mydi p.AC=az 17 60 et. 16 3 60 ptm. 16; 2000 1'= la es - m en et le 2 jan 199. - 2

J. 0, 6 6. 6 0. 6 0 1. 6 0 1 6 0 1 4 1 1 1 1 10 16 0 80/4; suly young of en month of very cons 5 red. In. = 0 G lap 9200 pol. 6 c 9 set rol & sion per 8 jun 111/16-LKND; fo 280 Pro E indue. 2 El. 152 Nesu 6 : Acme. 12 Nesu 6, C: elle 0 9 - 2 / 8/2 8 7 8 Cosifi à 60 1 mg 1000". I. pop ~ 1 / e . 1/2 - (1) 5 6 0 21 / 60 \$ 16 1 2. 22 tm 42 9/8 x80 6.68 1811/2. A = \frac{9}{2} \left(-\frac{9}{04} + \frac{9}{06} \right) \frac{1}{2} \frac{ = 2 (- da 1 + la / hp) A=- 92 + 42 + 9. 252/frish-sn+; Par 19 4. el - 2 816; 1 00 6=0, 2 76. har; feel rot IRL LK=A funcione re En ro. Des; en rendet me e per v + 2', ; of e 2to gre a. A'=- 42 : 2 Ped. In JNG 1; e seg / 2003 00; of ray der elist. Anton Ed OSpersons. 19 2 10 , jull serged. In. a6 0 00 m/6/5 € =; < 1° 018 - El 5 € no - € a 2/2 8 m N. Ph. Ca. - 4a (-4) = 4a

p=00 A"= 22 = 2 2 - + en. 22 flat 23 = 22 + 22 1980e / 37'sol RIC V, 200 20 th Job, R. Jo 40 16. var Een de twe sier E- n des 42 june 2- 02 + Elists-dift. a Consider for ep in epy de el. of a El. of ob ray I Influence of I. 2 tel g we el, or copse that. In mon without we g. sherriche. ()2 9+ 41, 40 cg 2 x Cror 4 vogee 2 od. 2g. fact freen en n c- eling gan In = 4/3 7 Od. --In "e Od. 2 4x+8= 9/a 9 1+a = 9/8 - 8/2 1 or hapfact u. 4. xx, out & Dogen ng. avery Eddsen n Eighoved 3/ 12 00 Ren myller. 6 2 20 26 28 - 3h for

29 × 00 ve (2), 4-2 2. she a Ef. 38 ach En 1000 she " Ell gfore < 18)1pe; 6, 902 y- 4. 2 6. 2+9/= = eh h re certified -; con yen he a v - yen + 2h - 100 mg e e Pol. + 10-fm V- 48 & Wer Afor of y graph to Ille on + el 7/8; fx/en [0°60-5+1W, 4m, 348]. from moderas In nan met menter O. ear som . 1.6 gae w Pope of Menton voor van Wy aly vernoy a semplo on whents -Le e + 4l. 2 6 a f 6 - Ng n 6 6 9 42 25 800 Prof 4 st - w a for of nav. +2. 0) 9.-0 affrand. 305/4/N/5/

ace No Ruh. - 6/0 f - ce jos ple - 9 No of -ue - she av. for performer; , , , voten to many says 915 - 9+5 - molne 20 2 2 2 20 16 esto ~ 2/2. valored dy vos. wof 8. your Am egflere en om eet stelenegedplys. J. 201. PL Topler; & P120 20 W & 9 4/128 esse of 9 Id inf 8 h. P+5-distable orelastelle old and. roke en lege e some om elfat fit of sol (1) n/2. A 1 th. In M s 20 6; Par w- 18 por my o' whi is for while 6 ce A 812 , A+JA Pel 8/00/ "[a+] DA ; for 6 8 00 / 1/201 ars 00 6 -- . A = - 2 22a + 2 To Pergi 2. p. (c) A'= A+ 5A= An In 20 m = A+ dA on en Ipt

dA = / Ty=01 ald In 6/6 red - silve; as det + 16 to 1 -. dA = gran - gran K = - 42 ap + 2 a 4 f + 6 Ere 2l. 20/2 /m - 6 of - mg & figs. - 22 + 42 to = 2 = 12' = indua 3h 21 K=- 22/2+ 22/2 1/6,21: Esforo 2: - 4-27)2+ 22/2 2/2021 - 2012/2021 - 2012/2021 1 e- supling. valore est posen omh esteva-R mm,; 282 et /16 410e/200: at da a + 18 g v / 16, - 6 2 pel./ / 16 avenozió s e. R. vero c. ca a da - 1 szlw. de = - 1 2 pran + dar 1 2 pr the ment she is fen white of ly ~ 68 mg 101.

(A,B) a A Az Rese th who Neth & Shorphy of 57 en 2 - hr 411, fre a P = & friday 05 - 2n a f to 1/2; find is 6 & A, anch 4, = - 26, 9, Andre -n 2= - 210 froduc & 23 = - 22 de de 1858 Ind 189 B Polye Indi a A e 2,522 n fo 6,00 - N M / P mg & B & A; el u - En & finding A 4/ = - 4/2 f and 0'6 2 B, conc. find. - 4n 21=- 21/b Jan Duco's. ABIZ a A, 0 = &2 $q_{j}' = -\frac{q_{i}'\alpha}{R_{z}A}$ 0302 = BO, Az Az az A, A = C-A, B D, B = c- 22 = C- - fr $B_2A = c - \frac{B^2}{c - \frac{\alpha^2}{c}}$ $A_2 B = c - \frac{a^2}{A_1 A} = c - \frac{a^2}{c - B^2}$ R,'=-4'a 9,=- 96 42'= 4'a bar d2=+ 66 a c- br

93 = - 48 a b 18 9. W: Q = 2 + 2 + -+ 4,1+ 431+ = 2 + 2 ab + # - La -= 2 [1+ ab -]-2 a+ Q= Pa[1+ at 1- P/b[2+ Q'= p'b[1+ ab +]+ Pa[++ A = PQ + P'Q! for a en v 4.3, 210. no Esselo. 10 < m p & 20 11, 0 PQ; 4= #dP-yP'}B 9'= BP'-yP)y 8 Q+y Q'= (2/3+y)P P = 12+14' P' = 24+14 612 20. 200 Jug 16 1 6 1 6 g 1 2 # 6 201. 7 5 Cos a = a [1+ ab] & ~ 1.00 V ~ 1.00g D= b[1+ at] p= at

dp= ab [1+ 2ab] Je 2 at at A= 1 2 ab [1+ at] [h (1+ at) + a (1+ et) 012+ 2 ab 99] = = \frac{1}{28} + \frac{44}{28} + \frac{1}{2(1+\frac{1}{2})} A= gr + 20 + 49/[1-ab] dt = 44/-in + 3ab] - dA = /6 e c 8 ~ ~ (V = GP' = [1-3ab] o mood of could of a < r= 50 0 2 Con. = 12 eord. In. No 1/ acq. 2 for 2 ft 2 9 P 14 m 1/2 or ay. or e 2 shi: e Ce/ 12 Ph. 18hu 9/ 11 + 1/12 Magnetismus raym of; gashind; a sabe stren at rayer. A 12 Th. core g comp. 219: for f of the Chineser 1. 6 No 167h Colin Market Restmann , Narnburg: for - 18 e (45-) W. Selbert 2 mm cos in 1616 sob 18 101: · ml & to do so r val. Combonle ne fo gar par - e enty man the

proly of 9 no mand of Flore +5 - ; e c of c eta de a Crose ree for Esprelentro, fenos of The PJ 201, 5 0, 200 26; freshoo, and a in 10, rul greet et le tense inte. for 90 mile ~ who well for while [trokens]: NN. ep ~e end 9 set 9 we (In 9) fortige : prolong terre]. I his 6 & elles / 8 ex es for ~ my car my lossy [f. B. 10. gra Doof; for 16/2/10/2 a vel'un " 9/20/.] end < 8 - 6 /2 2 m - Sin for al 3 p Deo [-b + 2 - verl 10 906", 2 fr 5-12] m 12 12 m 11 fr. P/Var & Ende y - 2nd 231ml = & 5-valus m 1= 3 et/(4/2) m Ecs a = Comp. 11 XA m' Eina 1 Res. 8 -X= Em Yend 1= 2 m 200) 0 5 X = 0 0 Z= Em Eng

gus ≥ m=0 Em=0 in ser whites - is. 2 ese con ; Non solve A=mlasa CEM lings m 22 osa - m 2 suaje m' 22'cn 2 - m' Ex'crye E for Ezera - m Except = es why ys to 1- Zaszsme- Lusy Emx I - Pusp Emx- Yes 2 Emy X- Long Emy- Yorp Emz Emx=val wor of 5 x00. 10/12 Emx = A PAUNT dar 9 ero 11 (96, guen.) Emy = B , all ey la x-dr 6e-dy. x'= x-a 2m2=C Emx = Em (x-a) = E mx - Ema = 2 mx - a & m intole from the enterning. = 2 mx Eml = meg. ron Dy Li = DATA Emxt cop Emyter v Emz

Emla Acolt Bront Cook od PA en ole & vs = our pos Ancensala A = as a Vargorton cs 2a + us 2b + cm2c = 1 === = co & sell I was my about of Me En. To acc VArsorter = M A=Mesa BEMusil C = M co c Emle M(esais Atis bas ntas cast) as of one go ale sur enlandnon en en en de en a ero da. C. 10 PX a be oel M= folare val er sola a a a por er glo or -= 0. era abe of word or ral to [4-15 ln, 1-6] Maral and. (las). fron 2 1 2 1 x + 5 - [180-0] - nl y mi A= 5mx = 5m, 5'- 5m" 5" $\xi_1 = \frac{\sum m' \xi'}{\sum m'}$ $\xi_2 = \frac{\sum m'' \xi''}{\sum m'}$ A= \}, \(\xeta m' - \}z \(\xeta m'' \) \(\xeta m' = \xeta m'' \) A = \$ And (f, - f2) Em' B=9,-92) &m/ 8=(5,-52) &m1

A = \$1.-\$2. VAT+OSTER = V(\$1.-\$2)2+(\$1.-\$2)2 cox a perfrece god Mi : 2 2 Set soul og go; en a engre f " gr on + 5-20. e trome yp for solym 1+m - X esta vexio 1/+ 200 ------C= 2 m2 [eddp--ord] = m2 -m2 - - v 21. 2 ei 26 g =0 0 9 8 Zrogenlo 16. yeA 20 glo A= Emz= 2N=M 62(10 e 22 °) = valor. essent to : Luy, y Emy - Ewof Emz = 2 my B - 9 mp C = & Misjond - & Misjons = entre to presso = 2M (uny into infine) copist-upuse=0 } injept-prexist cognic-cycob=0 } - You assurated } _ Xrs au 3 mg for 16 0 to po los [[ar + [m].

coa = copa = copa che = colo and = ent = Visiterystery Kisates & test c =1 cont = and esacusa } en 12/4 valor de Grote cospeculo } 2 ve/18 t/ 2 6 82 % 2. Jan De Berst & / Pan - Mobile 19 x Mild. N 10 10 2 p & 10 01 - vil. 5 - hm. 10 006 2. M/12 val Nertd. pred. was 9 p Re. 5/ place al resol. of VIV 2 astr. Ner. 12 in Sections X 26. ef Jeg Vez, e e 6. de H. 2 10et 26 Inclination. end & for Pr 2 Cmg. Sfor OR= Ecsi = Horrenteleny. vert El. OB = Emi = Vertikelong. mH=/ echor. 2-Pes, fog 6 x M Hr. Eb. HEm = MH + m H. OB = en nd mH. DA m H MH AD = M(3,-32)=83221212X m H (mm) sin 4 =

-MANNE = Mary Hamp an'e./exp--60 - misly: 20. ~1'esu 6. ~ e & rs/ o + who rs) 20. Vs egt / 1 Nerid. Inclinetionsmadel

Vert. h

- ntt N'emp - nt - nt Nainp-nt Namp / Xe H. cong. 2 m H > -M Haring mV2'csq+mV2" csq deV. cmys = MVing -MH singt MVcsq = 0 21 cong Ham y= Very Ecosissis y = Esimicap 89/2200 2 9=i en's red that it, 52/d.

en < 20. ~ 1'n 201 2 wh. -pacoq -MA sing + MV cony - nacog = 0 -M Ecoi sing +M Emicry-pacyed toy = M& mi-pa = = gi- Millioni oci

the chesant MV-100=0 pa=MV venlets reguler / con ejenlisseres from en commen et se N ~ 1. d. -rgv: en/co pago elge / 1 · engre e 20 N: ~ 6 [12 p] sen · 2- Palez Pty be- sh, ; ag < eM n al apag into " Bood-arenolyber 20 ulasty.

15/12 X X 15 caller, 18 et, Comp. e 5/ - m H (m) sm q + m V (m) cs q = q - n' H (Qu') sing + n' V (Qu') corper - HM sing + VM sing =0 News Prace Plane 80 MX 601:00 prop Hamp / Hor Hosses - Misw Maring + V Mespel tog= V = Emin = Emicon. Co W ≤ 1 女中学女主 a : Pale + y ~ val tren. 16 6 n= 30 d= 30. 67 to red. en vi me "rally? azo qzi=Mis. il 62 - vert 10 806 1 Jolage 4100/~ [60,0 \$6], 29/20 20, magings. en reproduced; l'exportanges 2.

- uH (Qu) sing + n'H (Qi') sing = 0 - MH sing

if The war in 45 K= mal Co: mg lain q = K die K die = - M Hsing l K= m l²
m l²d'4=- mglsmip 28 2 1 8 12 B my die - genig Va ge = MA v= n/2 ar y - D germ 162 nv o mendad. T= 2 THH ratimare 2 We, eMH St. veneral trule & Dulie & MH/E, for the , col grand the are the all for an IV I count to My Jonson de al Tous and Ofty : Escap Kody = - pett sin 9 + x in 9 - Bdy regil I mot El of celer-val 20, VI noon 120 mil; el e 100 5 af Cr indre, or 8 100g ound I'm a fan et Och eight from af Torsanop Alleyer foul: (F-4) d entreposit Koly=-nHsinp+x(F-4)- 1 de

$$U = n \log \frac{r_1 + x + c}{r_1 + x - c}$$

$$n_{1}^{2} = (x-c)^{2} + y^{2}$$

$$n_{2}^{2} = (x+c)^{2} + y^{2}$$

$$n_{2}^{2} - n_{1}^{2} = 4c \times x$$

一个一个

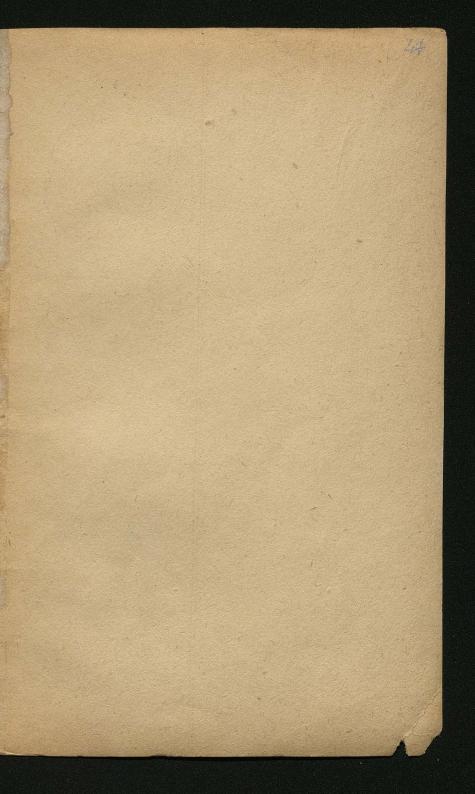
its. f. Tu Tifan

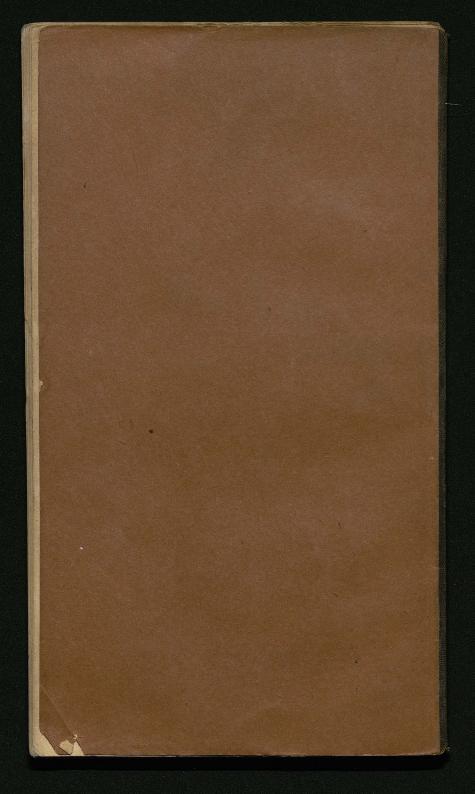
Pout elet, put nick delpte!

$$V_{j} = \frac{\ell}{2} * - \frac{k-1}{k+1} e^{-\frac{1}{2}}$$

usupet vieni poting & cipmo , what. There of the cong; Jana = Jana = 2/4/2 | 1 3 -27 - 47 1+222 1-22, 1-22 1+22, Saa = Saha WEKE. Tiginmon downto putted signy. C= 245 artiq = xi anty (4+ /3) = x+ry

(x+i) = x (x+i) $\varphi = \frac{e^{-e^{x}}}{e^{x} + e^{x}}$ 2x + th = 2 = #1 1- tox. 27 e24= 17e += 176 C= Va-6
Johnson x= 2 4 17





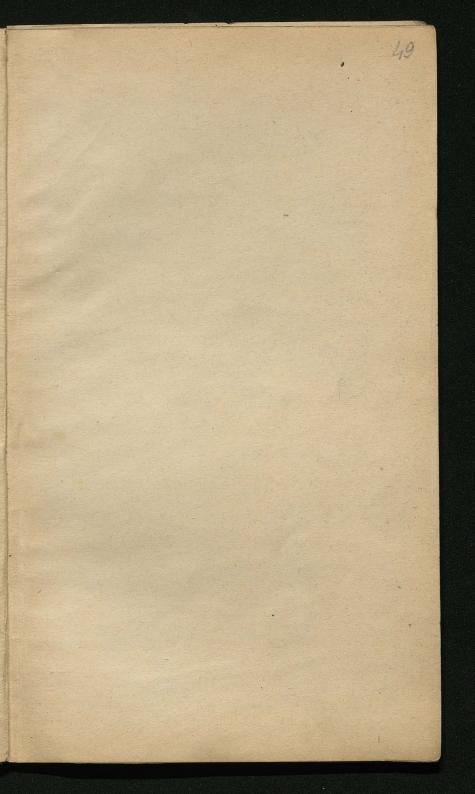
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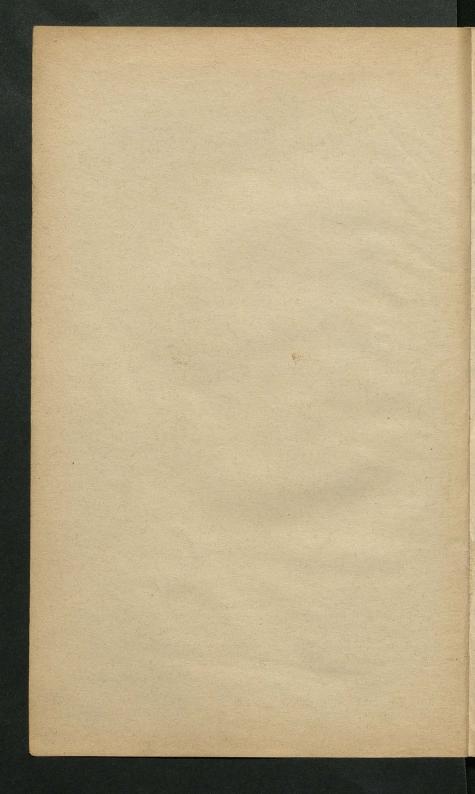
Raynetismus u. Elebtricilät

Momobuchovski

J. I.UZANSKY
WIEN

IV. Wiedener Hauptstr. 29





K dre = -MH4+(f-4) a -1 de dig = - MH & ta (f-4) fk de =- MH+x q+ xf- Roth MAtos = ar Pa = 28 4= 40+ 4 n 292 10 pp 2500 288 of n = - a yo - a n + af - 2 h of -a 40+ x =0 cego wh, 40= 800 x = 121 rose por drank Juned. dr = - aru - 26 du u= Aeût dra + 2 b dn + aru=0 du = Ail elt Ae 21/2+262+27 20 of the Allest er Aloge eferior 22+2b2+220 urg2se sques n= e-bt/Aet 18-az Be-t18-az 7.

1 to u = 0 Varboec use state (Action Desti) u= = et/4+03) as et + (4-03) à sin ct] A+B= & (A-B) i = H ne e ft Baset + Hamst] E can ne com. e co. - The tong a dought du = - Be - St [Sunct + Ham ct] + eff - c Sevett t=0 | u= U. pt. of sepseu y=0 u= 10= 9 ch = 0 - 69 + cH H= 69= bllo u= loe steset + & smot] du = e brict [-ft+c9] =- e sict ster Us = -e famit. No ar t, y == 0 a et= a $t_1 - ct_1 = 2n$

t= T/KH T'= n K+h T= n2K HH or tale $T'^2 = \frac{n^2(K+k)}{MH}$ T122= 2 14 T'L T'L MH pd2+ 12 r2 k=2pdr+pri Plegoporan sk be for way ell HM 25/10 1 vaca of man some M'H en v Mile Kdig = - HM 4 + x(f-4) - 1 de de = 0 eligno ce un forma 0 = - HM4 + x(f-4) 2 - (HM+x) q+xf 9= 21 = 1+ HM aufle 10 16 18 4 1891 06 % re xon 20. HM

lar fela o oral restator X 2 M ho Xu 4 HM tayefa (4 M+0x)(9+V) = x(f+u) e velggr v (HM+a) v = a u eller e voda: HM

in allo t, u= -llo e bt. Psrene mula 2 agent, trar= lo é btr t,= 2 501 = t = 7== t, = n t= 2 a b or ~ ~ = TO THE COSOTICIONET

= TO THE STATE OF FEET VIEW of ob senespools of : e &t = to b= m 7 ths.

b= m 7 ths.

bt = Wgarston. Decrement e fr Uo u,=-loit 112 = Uo e 260 uz = 16 e 3 bt 110 = lo e - 70 AT Also 1/0 = e -10-AT b = --MH --- ud -. 85x H. 2. 4a D- Janie & B: Paris 8 var easfinde omes / in.

Och prof som rec. ON -22/3 ~ M mily P=5m V(5-x)~+(y-y)~+(5-2)~ rose crest franco antones ア= 三 1年サカルチダと-2(29+4年+25+24かりまで) grantare Ra P= # 2 5 /1-2(x3+20+25) + x 2 2 22 = \frac{1}{\pi} \le m [1 + \frac{2}{2} + \frac{1}{2} + \fr +3 {-2(x 3+yn+2t) + xyn+2}2-- 5 m (x + y +2)] + -P= \$ & Emx + y Emy + 5 Emz - where it

6 c 2 mores Engrad --En Centraly 125 Winne a ves X ro & youldo 112 P= A &+By+C & A= M 0=0 'C=0 P= M& [~~3/2] R2= 52+72+ 52 X=/1/X0 = - 20 S N $= -\frac{M}{R^3} - 3\frac{M}{R^4}\frac{6}{dq}$ Z=- of R= M&S $=-\frac{M}{R^3}-3\frac{M^{\frac{2}{3}}}{P^5}$ 263. Mrex 100 R= 8 Z=Y=0 $X = -\left[\frac{M}{43} - 3\frac{M}{\xi^3}\right] = +2\frac{M}{\xi^3}$ 9, Dd, 69 x 6 x /e, C < Ys Z Magnetometer ero a/wal se grafot se asget-un, l'internationale HYA g889e m W18 X000 wrong < hole Opt - Hany.

4=4 cm 02/ top=X toy = X = toy = 2<u>M</u> §3H $\frac{M}{H} = \frac{3}{3} \frac{1}{4} \frac{4}{9}$ good for a MH & el eng of A core. Hosto. $t_1 2y = \frac{h}{\Delta}$ P 729 A 91 es o < g ~ P fall 1 1 866 02 2 mg al ala vol, vie for an en cerson x son いそに、からい、かりかってりのもかにかしい [= 12 cos f 4 2 e g. v. e ~ 12 42 ge + 6 eg 56 5 2 8 , 2 1. 0/ 18 cols + on 4 chs 5 er Nag Ad. I ste Harry Sta Sound INV. ed spre your my in In. M: M = 49:49 $\pi_{\varphi} = \frac{2M}{\xi^3 H}$ instru Risel 44/= 2M/ F3H fs.

e Policing I 7/1 z · M = 12 T(5-a) + (9-b) + (5-d) make see abe lingerty 2 rad ger e = f(\x -a, \gamma - b, \x -c). = f(\x n x) + \frac{2fa}{2x} a - \frac{2fb}{2n} b - \frac{2fc}{2c} + + 1.2 [] = a2+ of let of c2+ 2 of alt +2 2 2 ac + 2 2 b bc - 12.3 [32 a3+--enoun = E M = f= V(g-a) + my-h) + g d' = f(575) - 2f & Ma - 2f &mb - 2f & mc + recentery: SPX 10 = y orial N= Em & Emb=0 Emc=0 P=-M of a Par Slag on wha $=-\frac{M!}{23}$ Em a = 0 C p+ 20 V & a mulh (p-20 } coym. Emb2 =0 Emc'20 PEmal ely as a ve 28 ffely = 0

5 ma3 = N - Whole elle / 8. 12m03 5 2mc3 20 Emarc 5 5mb 620 Embas Emcaglo Emab = N' Emac = N" Emaber D=- N 3 = - 4 [N 33 + 3 N 3 = + +3 N" 32 7 124 125 1 600 28 3 12 8/8 29 erms own to dead colon live for a sur less degranos Je u si 10 14. Da sh (30 2 cov ma + 10 a re mother tobing Den 8 mm. f= 1 = - 1 1 82+12+5= = R of = - 1 dR = - 3 042 = - 1 + 3 92 Rs 031 = +3 f + 6 f - 15 f3 3 1 = - Rs + 3 72 75

P P 2 +3N1 23 + 3N1 23 + 3 + 3N1 23 + 3 Jem w Ess of ofred 1; - from? P= + (fn s). n+61 P'= f([+a; y+b], [+c]) (3+0' P/= P+ 3P a/ + 3P 1/ 38 c/+ +2 (3 p a 12+ -) + 3 (3 p a 13+)+ EP'm' = no Energie e le rate ll = P Emit De Emial + DP Emil + DE Emici + 2 (7 2 2 m/a/2+ - e m Win /Antornton = 3P A' + 3P B' + 3P C' + eff 28 E 01 5 0 8 ex 8 P V 3 12 pgice fer a mar ange on fix and seguents seguen. a Pe frato of +6 and - Perlang ones M=- W 3/2 A, + 3/2 B, + 3/2 C,] f= 1 = 1 = 1 = - 1

acountary of 103'=0 Al= Mising C'= Missq 3=R n=3=0 og seperences corps U=- MM' 3th sing - NM 3th sing 0 = - + 3 Rs 834 = 9 8 x - 15 83 3 1 = 95 - 40 82 + 105 84 = R 0 x = 2 3 84 = 24 U= - 2MM' sin 4 - 4NM' sin 4 an warpower of due-warefgill 18/2×34 81/01/6 % --es adol m/3- f= - 34 = = (2 MM' + 4NN') cop りのもれる。 M'Hainy = (2MM' + 4NM') cop 49= 2M + 4Ns

Valxe # / or order or order of the Read refro 4, 1 ; 8 for Nel 149, = 2M + 4N + HR,5 R 544= 2MR2 + 4N R, 5 ty, = 2M R, 2 + 4N R2-R,2 = H = 13/ 62/ onler ar Sufrad Dess al wil e 2 x man 1-50 0 4 6 9 2 00h 4800 300 dx ely ds 122/a, 2 Vol. d, e af ~ & LEWY. nlyn. ndx dy de =) m=vilerle Vol. o ... net. a By = Comp. , a e valer for. adx dy de = 22 1/ X10 P= A & + By + C & = Olipson A= = ma 03 =

R= (1-x) + +(y - y) + (x'-x) + {= x1-x 7= 7-7 A = a de dy da 9=21-2 B=Bdxdydn C = ye old dy obs $\frac{d\left[x'-x\right]+\beta\left[y'-y\right]+y\left(x'-x\right)}{R^{3}}dxdydx=Potal.Non$ $\frac{x'-x}{R^3} = \frac{d}{dx}\left(\frac{1}{R}\right)$ $\frac{y'-y}{R^3} = \frac{d}{dy}\left(\frac{1}{R}\right)$ $\frac{2'-2}{R^3} =$ U= Ille de ()+ p de () + y de () de oby de = If L of (t) dx dy dz = If t to dy dz-Defaper of a robs mixilians e e sen El Es Ni ; vir bron soling dy de = do con la Zup Ndexnoel

work evy wet - r Ist de (ta) dxoly ob = Ist to do coa-Ist dx dxoly ob U= 1/2 con + B con + y cords - 1/2 [da + of + of day dandyde cessor Ramalderlander in rathing a el

Q: 8,00 Present 2 roi eo effé= valas e sons - III - lan -Jeel- yma le de l'as es an -- Oroma, II m word, ester aben Psinte repolant pionallar -bc6 +bc6 2001; 6=1 N= bc6a=vslived = a ben ~ n N magn Own Wo o so vest report ral et ju: apeplatelin: et of Realen pflere glace wene pot 2000; + \$6= 1025 - f6 = 10 m forq=bc M= f6a 5= m cs 4 Esq on = Tabe

pomother plant = mar from x cog q= x (gers) & N. J. J. fgh a= most B= mos g g= mosh a in A+pipm+ yinr=m [infina+-] ore fif = prolone f. Peff: 102 " a 2 morg const! da 20, Ny rolm. almpromose Lyppere [-+ = + 2 en 60/2 mm - 20 p 8 a da co e2 18 defl-, aff desil + fas pty usr = 6 $-\left(\frac{d\alpha}{dx} + \frac{d\beta}{dy} + \frac{e\xi}{dx}\right) = 0$ U= Sods + Modx dy dz

Ohmerches ! 6 4.9 m / 2 mi per 0 20, 2 w 8 fo. an 21 in al 20,00 d 40 Mast. 12/4 = el. Cr. P& meth. Do & Ohm. inf de consen [D Formier] mm' 12 -d, e e a 322 t, Mesb. e enaalle Cu, erp. 1/2 8/2 0 9 12 5/6/6 afrilato ~ 19 16 ~; en dire ~ Nyel 11 3.7 289. og en el u zogo ny selva cob-da 6 pes pall roe our D Formier: 2 = 9 U,-Ur. k t k = ong. f. u'- u = f(x) = du $= k q \frac{u - \omega}{\lambda} t \qquad u = f(x)$ $u' = f(x) + \frac{\omega}{\lambda}$ - kg du t frankle Dra Det by de d - du dt 10/ 3. plg 2 10 m 20/me

2.22 gra 13.70, Och 14, 8 5 2 / 59 a e d. ye cough " o I'm cough, Ex 9. 20 6 2 6 - 1 2 6 - 1 i = - k 2 de lottel Crynu 3.78 of the country $\frac{\partial P_{2}}{\partial x} = \frac{\partial P_{1} - P_{2}}{\partial x}$ Pr. --- l $i = k_2 \frac{P_1 - P_2}{\ell}$ $k_2 y y y - \ell w = \epsilon k_2$ i = P_P2 } Shin'sokes / ohn yst o O.g.s delektrom. 1; ys ff y me Crada N < 6 mon. en es, e e elergy of com; 2-126 8 - 18 Php 20 6 Ele u val Con Dal exp. Nox 616 [d 1]. 1 ill 3. 2 g et. Scout -; der + of P + of P = 0 of d. of 1 =0 0, con 11 313 and brown St. R in the Nodostor- 46. 20 10)

resign of Nandlin- Itali 90. g/ 00 des g/ (5 50 0) ge 10 6 20 solle of name Cran Cr go so e o o o file world Vario Crys [20]. V NO 8 WA]. esh elm/2/11cefr/2008. 1111166 - Electer and the stay a fold of sol i = P, - P2 n's ri, the 12 = P, - P2 $i_1 x_1 = i_2 x_2$ Py No Py No Pz $i_2 = \frac{P_1 - P}{\Lambda_2}$

an 20 Cer Pl= P1 60 i, = P, -P/ - P/-P2 0 e p Q = 1 12 = P, -P" = P"-P2 14 x, 2 1/ 2 1/ 2/2 $\frac{i_1}{i_2} \frac{w_i}{v_3} = \frac{P_i - P'}{P_i - P''} \stackrel{L}{\longrightarrow}$ a refleces refine P-P2 31 i, v2 = P-P2
i2 x4 = P"-P2 o exty som R frode affol. Wheatston is whe Brinche 1305 selektr. Cr lesho. elektron i'r and Crho; com calo, tar Plas - Ll Mryb, and fy 5 melektroch, 1 of 2 mg " el 4; chemente s magnetische chemische go by; ero en efe que so. word ~ Cran Imm 1cm3 Ha, Or flew. for one Tolares. , A core El el. jer og megn. El. en Crust in De Angire al M. 1/1/30 we rece ely 60 19. 11 Ent not a Biots Savart sh Ampère.

1 ensangend= - com Crt p/ + 1 g wa eleans Puller IN. 2 8/: fo[AB, i, m, r, d] eb jundago; fylde e jage 8=0 eg 1/84/8 ergle/2 sin 8 8 of. for Do d: eso Cr c-cloud fn9 49 5 6: ANS for my gal a e ges Amp. e 9 se Cr. NO 6 try, 9 - 70 p.6. in about polads ac ac Welidy ad 8= smb ab

place and parties, gein, m. K= EAB ens dim 20. ~ ~ ~ m and -1 $\frac{\sum \overline{ab} \ im}{n^2} = \frac{\sum im}{n^2} \sum \overline{ab} = \frac{\sum im}{n^2} 2n^2$ = 2 simn fl. Beseperim & se full cot co plet e Vaget. R= 2 nsim larent today wall 0. m. e 12 e/9/2 ca e 2 n/ o. v/ [ae W6-67. 1º Ww - not I oral Nervol. A Mar orn Craely, a < ong la Phil st & Herry, start. Sol: Hm Zing Ricory

Sol: Hm Zing Ricory 記型の外 Hmdring = Kdary
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Hamp= 2nii ang i = nH tgq : Crros H, A com cm3 H20, 1 sec esara (w a E = 1 le " K = im do ein 8 en dr: e Ca " of elektr. 20 120. 160 2 20 Dall f my 8 m 68 to L E= to = Ampère i = 10 nH tg 4 5/8/ 2 Jup. 1 205 / 5 1837 & Woll. Weber My. Kempir. J; Takobi a Cetersb. > Ka Cules. Ese myl. Jack. e. e Co & Stometure a 2) Credyt. W. Siemens a Hg; - in & 1 mm3 3.2 2 5 1m 1, 10°= 1 Germans. - No Cr + 1013 2/5 d, "e1 " of Lenzi Peterst. 5 D'es Toule je . Toules 1: 19 can Be reser to er and Cr =

C= grati2 2, ~ My=1 g 5 m ~ 66 6 20 e p 12 2 Rals 10 120 ° (c. 42500, 9806 = -] 1 2 0 en 94.10 als. El 2) = 1 formens. Dressen og 24/3 El 20, 1 1./20. Industron elektr. Cr Farad off & May IN en Creoffer Man Mr Long of St. J. 2/ 1/2 induc. Cr pre / 3/6"; ar ~ ml nf v ~ 2/0 Lif ~d. Cr, f. Cr, - 1,28/e e Cre 103 2 22/2/16/: eldi L' Crado e consort d' L Nemmann - Theorie 916. - (Le Energie; 2 Can 2 - 02 25). e deguto, y = V à la var - rale ing a induc. Ca M 101. [Helmholte & VISI & grow]. av~ who of or run el noti 22 md i us q

mix= M = ex er/var Vasibrerezzdy: 2n Mics q de = acquer. en mil = witat while 2n M cay de - your ca. a m for fer 61 hallosh Ca. 10 1 10 Val 0 El Widt = 2nM 01888. J. Salvanon

Ce erst og Mindre. Ce en de

-) : " & e Ample en gran is 66. K dig = - M Homp - la Missy widt= 2n M any of i = 20 M cosq off X off = - MH sing - 4n2 H2 comp off

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gul Amakel Sodo; or as Cros = to = Ang. In on Watt = Vy = Va v REGE 10hm elp Cod 1 thy. a tree, tob. = wi2 = 40 = 1 Vall Ampère = 10 tab, In resu 7 35 W. = 1 Oferde) 10 Angire frong elik 50 Vell, pr. s. 500 Walt = 3/4 Of/ of Est to 1 Of.

